Hoss Seamount

2850-2700 M

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SAMPLE ID	"Mn CHEM Pt & Au"	REF	T	Si Chem	P.Sect.	35mm Pho	Archive	Paleo	XRD		\dashv
D-010			1								
D10-2	Bulk										
D10-3	Bulk										_
D10-4	Bulk		1000	Phosphorte	dpts						_
DI0-5											_
9-010	Bulk				33//						_
D10-7	layers/BUK		-				1				-
B-010			-								\perp
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- TRI	, t										
3010	yphony		+								
-	8.50%		-								
	- 										
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			-								
	W.										
* All chemistry	try samples have	ve XRD mineralogy	eralog	done	also.						

Cruise Id:	101			1200			
ample Id:	. n	<u> </u>	Weight	:3 hg	Location:	71025 7850-73	tou
n Crust Th	nickness:						
Min:	Max:		Ave:	: /			
ayers (Oute Min	er to Inner):	Ave	Textur	e		To be the f	
	+					/ Pr	√.
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	+			Programme Control	lere 2	; r`	
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	no Nilana and and an and an and an	100	100				
nments an	d XRD Mine	eralogy:					
nments an	d XRD Mine	eralogy:	of Mn	AI	NALYSES		
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mments an	d XRD Mine		of Mn			Analysis	Weight
estrate De			of Mn			Analysis	Weight
estrate De	escription					Analysis	Weight
estrate De	escription Phospho	Petina	(1)□	Su		Analysis	Weight
estrate De	escription Phospho Rounded	Petina rite pebble	(1)□	Su		Analysis	Weight
estrate De k Type:	escription Phospho Rounded	rite pebble	(1)□	Su		Analysis	Weight
estrate De	escription Phospho Rounded	Petina rite pebble I sandstone	(1)□	Su		Analysis	Weight
estrate De k Type: cription:	Phospho Rounded	rite pebble I sandstone	(1) □ cobble (2)	Su		Analysis	Weight
estrate Dek Type:	escription Phospho Rounded	rite pebble I sandstone orted quartz	(1) Cobble (2)	Su		Analysis	Weight
estrate De k Type: cription: a Manch	Phospho Rounded	rite pebble I sandstone orted quartz	(1) Cobble (2)	Su		Analysis	Weight
estrate De k Type: cription: a Manch	Phospho Rounded	rite pebble I sandstone orted quartz	(1) Cobble (2)	Su		Analysis	Weight
postrate De k Type: cription:	Phospho Rounded	rite pebble I sandstone orted quartz	(1) Cobble (2)	Su		Analysis	Weight

Cruise Id:	F7-87-S	SC	_Size: 18 × 15 >	Location:	Hass Seamo	<mark>ount</mark>
Sample Id:	D10-3	5	Weight: 1.5	Depth:	2850-2700	+ 0 %
Mn Crust I Surface Text	Description ure: Reco	co. Nel	· · · · · · · · · · · · · · · · · · ·			
3. Com	rough encrus	reddish brov sting forams	vn w/□	_		
Mn Crust Th	ickness: Max:	52.	Ave: 40			
Layers (Oute Min		[Ave	Texture			
1	6	2/	massive red bi	rown	13.00	
212	25	20	laminated blac	e <mark>k</mark> , j.		
3	al	16	porous, fractur	red .	17	1
1					- C	CM 5
i						CITY
i						
Comments an	d XRD Mine	eralogy:				
				ANALYSES		
				Subsample & Type	Analysis	Weight
				Bulb Cupt	CC	(me 40 mm)
					MRD	
ubstrate De	escription	10115				
		C/U 5			2	
escription:						
						,
				-		
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Sample Id: 10-4	Weight:	Depth:	850 - 2700	N.	
Mn Crust Description Surface Texture:					
ourrace Texture:	100+4, 19 d- bro	WY			
Mn Crust Thickness:	ω				
Min: 4 Max: 2	Ave:		L	Lu	1
ayers (Outer to Inner): Min Max A	vo Frank		0	C.M. D	
	ve Texture	-			
		B		A 14	
		A		-	
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omments and XRD Mineralo	nov.			0	
As .	57.				
Mon is massive.	(/ \ <u>) </u>	ANALYSES	010		
Mn is massive 2 mm grust on to supported clashed	W/His Da. Materia Semme J	ANALYSES	Analysis	Weight	
Mo is massive 2 mm crust on to supported clasts? Physoborite breeia	W/His Da. Materia Semme J	ANALYSES Subsample & Type	Analysis		
Mo is massive 2 mm crust on to supported clasts? Photoported book is	W/Hin Da. Materia TEEmme Jut TEEmme Jut	Subsample & Type	Analysis	Weight	
Mo is massive 2 mm crust on to supported clasts? photophorite beeria	W/Hin Da. Materia 145mm ²) of 1:61.65 in	ANALYSES Subsample & Type	Analysis		
Mo is massive 2 mm crust on to 500000000000000000000000000000000000	W/Hin Da. Materia 145mm ²) of 1:61.65 in	Subsample & Type Dio-4 Dio-4	Analysis dots cc	Weight	
Mo is massive 2 mm crust on to 500000000000000000000000000000000000	W/Hin Da. Materia 145mm ²) of 1:61.65 in	Subsample & Type Dio-4 Dio-4 A	Analysis	Weight	
Do is massive 2 mm crost on to 300 100 100 100 100 100 100 100 100 100	W/Hin Da. Materia 145mm ²) of 1:61.65 in	Subsample & Type Dio-4 Dio-4 A	Analysis dots cc YRD o.c.	Weight	
bstrate Description	recira. NO	Subsample & Type DIO-4 DIO-4 DIO-4 DIO-4 R	Analysis dots cc YRD o.c.	Weight 20mm)	
bstrate Description ck Type:	recira. po	Subsample & Type DIO-4 DIO-4 DIO-4 DIO-4 R	Analysis dots cc YRD o.c.	Weight 20mm)	((1))
bstrate Description ck Type:	recira. NO	Subsample & Type DIO-4 DIO-4	Analysis dot-5 cc XRD o.c. XRD	Weight 20mm)	1(1)
bstrate Description ck Type: Property of the second of the	recira. NO ceccia. NO ceccia. NO ceccia. NO	Subsample & Type DIO-4 DIO-4	Analysis dot-5 cc XRD o.c. XRD	Weight 20mm)	7
bstrate Description ck Type: Photographic break because becaus	recira. NO ceccia. NO ceccia. NO ceccia. NO	Subsample & Type DIO-4 DIO-4	Analysis dot-5 cc XRD o.c. XRD	Weight 20mm)	
abstrate Description scription: Scription: Ancyler (165) Man 200 and 100 Man 200 and 10	recira. NO ceccia. NO ceccia. NO ceccia. NO	Subsample & Type DIO-4 DIO-4	Analysis dot-5 cc XRD o.c. XRD	Weight 20mm)	14.)
bstrate Description ck Type: Possessing to the service of the serv	recira. NO ceccia. NO ceccia. NO ceccia. NO	Subsample & Type DIO-4 DIO-4	Analysis dot-5 cc XRD o.c. XRD	Weight 20mm)	7
Do is massive Z man screet on to Svenstal clasts (Photoberist beauta) Screet beauta Screet	ide cement (3000 - 1000 Conclusions Conclusions	Subsample & Type DIO-4 DIO-4	Analysis dot-5 cc XRD o.c. XRD	Weight 20mm)	1 (1.0)
abstrate Description ock Type: Possible of the service of the ser	ide cement (3000 - 1000 Conclusions Conclusions	Subsample & Type DIO-4 DIO-4	Analysis dot-5 cc XRD o.c. XRD	Weight 20mm)	

c samples, bissel

Cruise Id: F7-87-SC	17x12x6			gape to	51 6-69
V	<u>.</u>	Location:	4055		DA0-00 0
Sample Id: 10-5	Weight:	Depth:	50-270	om	easle
Mn Crust Description Surface Texture:	ath in bu	11			
- promise on be	Hom				
Mn Crust Thickness					
Min: O Max: ZO	_Ave: 18			-	
Layers (Outer to Inner): Min May		W=	The same	CM 5	
Min Max Ave	Texture				Alexander and
1		-			
2.		-			
3.				135	apr de
				N. I	
5.			-	A M	
i			and the same of th	7 - 100 - 10 Table	beat the N
N		NIC.		Aroun	
Comments and VDD 16		1) 14	1 - h		
Comments and XRD Mineralogy:)-5	4.4.	
works on top side i	s massing	ANALYSI)-5	4.	
Workson top side i	s massing to be to		Analysis	Weight	
Bottom rust is 123 a	o massive is to a mm. so incher in thick each -	ANALYSI			
Bottom rust is 123 a	oncker	ANALYSI			
Soften (rust is 1 de side is soften (rust is 1 de side is	s massive ibs to 2 mm. nicker im thick each - petween in porous	ANALYSI			
Bottom rust is 123 a	s massive ibs to 2 mm. nicker im thick each - petween in porous	ANALYSI			
Bottom Court on top side of the side of th	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			
Bottom top side is whoseas one Poly of Bottom trust is 1 of Dra layers vary Layers vary Jacanias?) Top A coust is re	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			
Bottom (1944) Bottom (1944) Dre Agreed (23 m Agreed masses Agreed masses (according to the second seco	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			
Bottom Court on top side of the side of th	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			
Bottom route 1 23 m 200 1 200	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			
Bottom (1944) Bottom (1944) Cod Reyered (23 m Accept masses Jacobs 1947 Jacobs	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			
Bottom (1944) Bottom (1944) Cod Reyered (23 m Accept masses Jacobs 1947 Jacobs	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			
Bottom (1944) Bottom (1944) Cod Reyered (23 m Accept masses Jacobs 1947 Jacobs	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			
Bottom (1944) Bottom (1944) Cod Reyered (23 m Accept masses Jacobs 1947 Jacobs	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			
Bottom (1944) Bottom (1944) Cod Reyered (23 m Accept masses Jacobs 1947 Jacobs	s massive ibs to 2 mm. nicker im thick each - setween Le toporous d-brown	ANALYSI			



Cruise Id: F7-87-SC	_Size: 12 × 10 1	Location:	Hoss		
Sample Id: D10-6	Weight:	104m Denth: 35	50 - 270	0 100	
Sample Id: 10000 Mn Crust Description Surface Texture: 1000000000000000000000000000000000000	the bostical	; Depoil. <u></u>			
		-			
Mn Crust Thickness: Min: 30 Max: 50	Ave: 40 Mm		i i	3	
Layers (Outer to Inner): Min Max Ave	Texture		M.		
2.				is all	
3.		_	-		48
5.			9.0	M 5	
6			71.	1	17
Comments and XRD Mineralogy: Fractured massiv. Surrounded by thir gravitar massiv. Gravitar massiv. Surrounded by thir gravitar massiv.	Mr layer.	ANALYS Subsample & Type Dio by by the	Analysis CC	Weight (40mm)	
Substrate Description Rock Type:					
TOOK Type: OVE	<u>crust</u>				
Description:					
			-		
Described By: 18 Subse	mpled By: 16			(over)	

ald marine

Bulk Chem

*****1.6

Cruise Id: F7-87-SC	_Size: 19×14 × 3	Location:	ss Seamour	t
Sample Id:	Weight: _ , 8 kg	Depth: 28	150-0400	
Mn Crust Description Surface Texture: Rough reddish brown	oloanV			
Mn Crust Thickness: Min: AO Max: 38 Layers (Outer to Inner): Min Max Ave	Ave: 25		10	CM 5
1. 2 5 3 2. 18 33 22	Laminated reddish Black, massive + fractured	Brown 3 C		
5.			-60	
6 Comments and XRD Mineralogy:	· A	ANALYCEG	- A	
Comments and XRD Mineralogy:		Subsample & Type	Analysis	Weight
Crust fragment-small amount of subsadhering to bottom mm- sized phosphite grains in lower of	trate	D10-7A D10-9B D10-7C	CCINE	Balk - 25 mm outer 3 mm
Substrate Description			-	
Rock Type:				
Description:				

escription re:			Location:Depth:		
re: When i					
kness:	i hy				
ckness:					
ckness:			_		
Max:_	30	Ave:15			
to Inner):					
	Ave	Texture			
					
es reddish bro	othern	Mark-	Subsample & Type	e Analysis	Weight
- Didok					
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lastite on 2 fra					
				-	** <u>-</u>
			-		
	I XRD Miner ser reddish brows black- scription	I XRD Mineralogy: es reddish brown. somes black- scription	a XRD Mineralogy: Ser reddish brown. some w/ encrusting shack- scription NONE -	XRD Mineralogy: ANALYSES Subsample & Type s black- scription	ANALYSES Subsample & Type Analysis s black- Scription